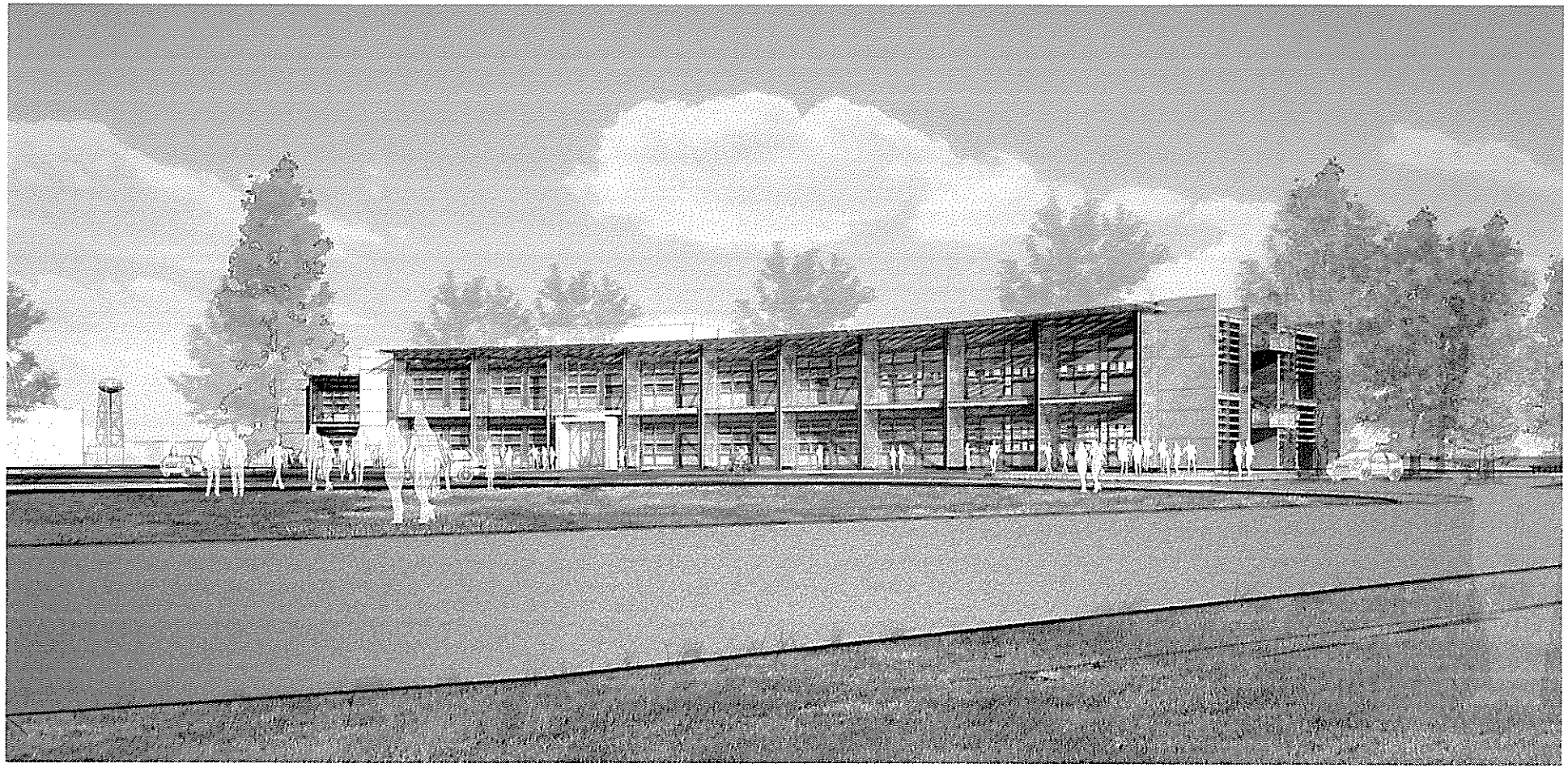
DMJM H&N | AECOM
WILLIAM McDONOUGH + PARTNERS



NASA AMES RESEARCH CENTER
COLLABORATIVE SUPPORT FACILITY, N232

Raymond Schuler
May 19, 2009

N232 Pre-Bid Conference Agenda

- Introductions of NASA Project Personnel
- Project Summary
- Bid Options
- RFP Information
- Milestone Dates
- NASA Field Construction Management
- Project Site Information
- Site Tour

May 19, 2009

Pre-bid Information

1. All revisions to the solicitation will be in writing. Nothing said here today should be construed as a revision unless subsequently confirmed via an amendment to the solicitation.
2. Please sign the Attendance Sheet.
3. CD's of the Project Documents will be available following the site tour. Please provide a company business card in exchange for the CD.

NASA Project Personnel

- Teresa Marshall – Contracting Officer
  - Sole Point of Contact during the Proposal Period. All questions regarding the solicitation or this conference shall be submitted in writing to Teresa Marshall at Teresa.A.Marshall@nasa.gov.
- Raymond Schuler – Deputy Project Manager
- Peter Goldsmith – Construction Manager

Project Summary

- Project design architect is William McDonough + Partners and Architect of Record is AECOM.

- Project is designed and planned to achieve a Platinum Rating in accordance with LEED-NC v2.2 .

- Base Bid
  - Clearing and Site Preparation
  - Construction of 50,000 sf office building shell and core
  - Construction of Geothermal Wells
  - Sitework and Utilities
  - Irrigation and Landscaping

Contract Bid Options

#1 - Building Integrated Photovoltaic Panels

#2 - Extruded Aluminum Sun Control Shade Louvers

#3 – Horizontal Sun Shade Structures

#4 – Light Shelf Daylighting Panels

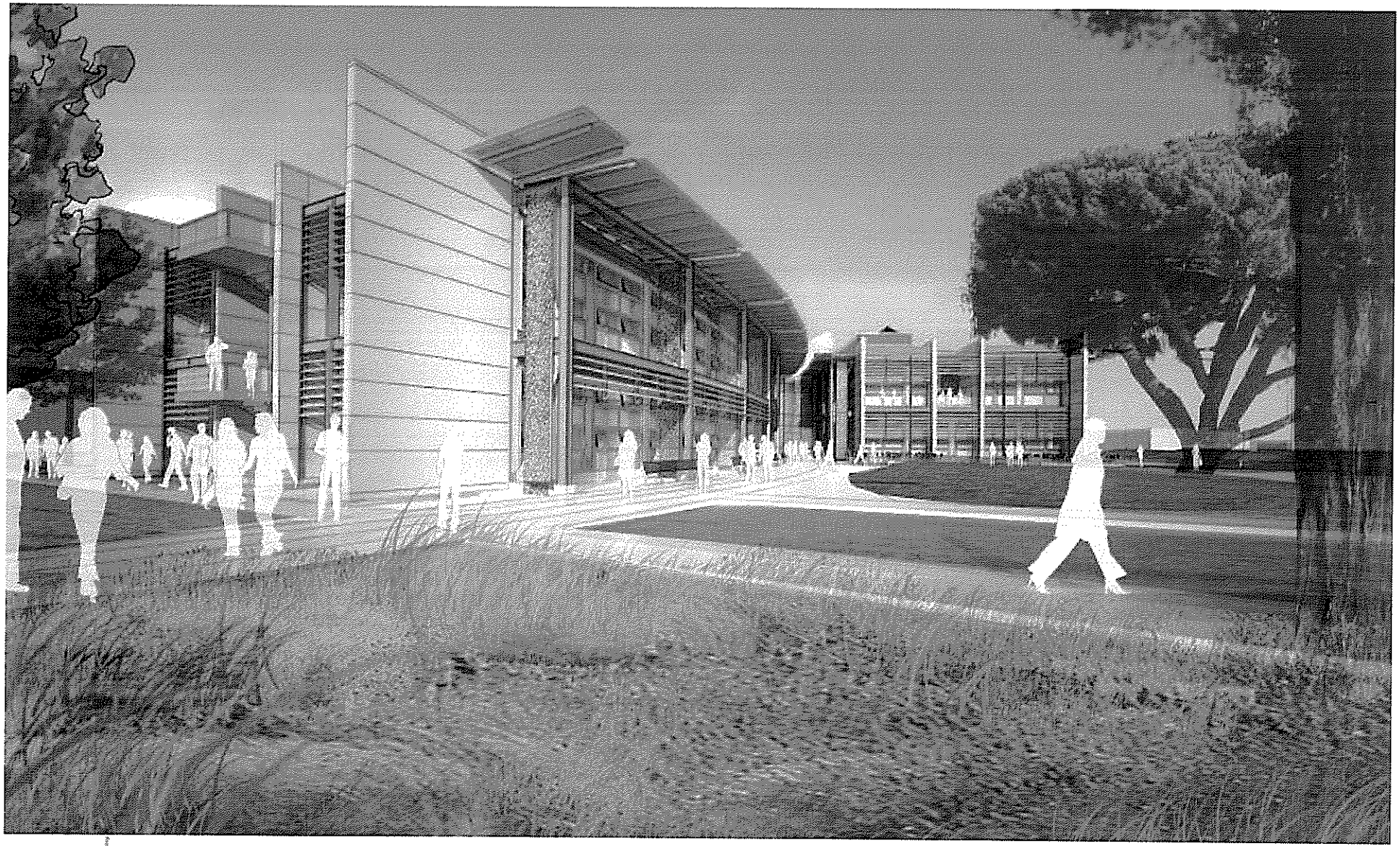
#5 - Greywater Treatment System

#6 - Carpet and Base

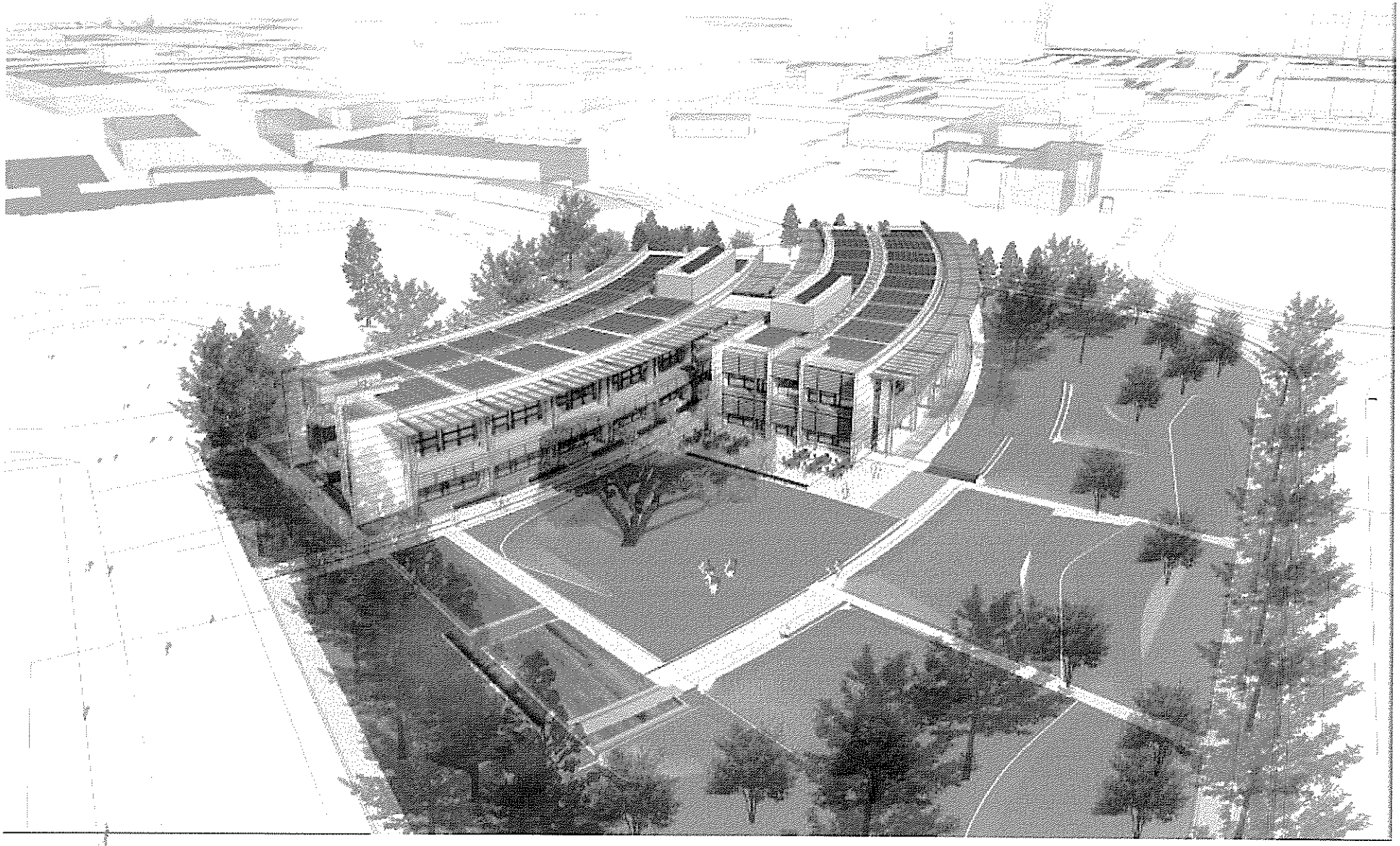
#7 - Delete retaining wall & trash enclosure, plant smaller trees & shrubs

BUILDING DESIGN | **VIEW FROM BUSH CIRCLE**

BUILDING DESIGN | **VIEW OF SOUTH COURTYARD**



BUILDING DESIGN | **AERIAL VIEW**



RFP Information

- Proposals are due by **June 9, 2009 at 2:00 P.M., Local Time**.
- Proposals must be turned in at Building N213, Room 101 by the due date and time. Any proposal turned in after the due date and time will be considered late. Offerors will be required to make prior arrangements for a visitor badge for hand delivered offers.
- This solicitation will result in the award of a firm-fixed-price contract.
- The contract award will be based on the evaluation of three factors:
  - Mission Suitability
  - Past Performance
  - Price
- Price is the single most important factor. Mission Suitability and Past Performance are approximately equal to each other and when combined, are approximately equal to price.
- All submittal requirements are outlined in Section L of the RFP.

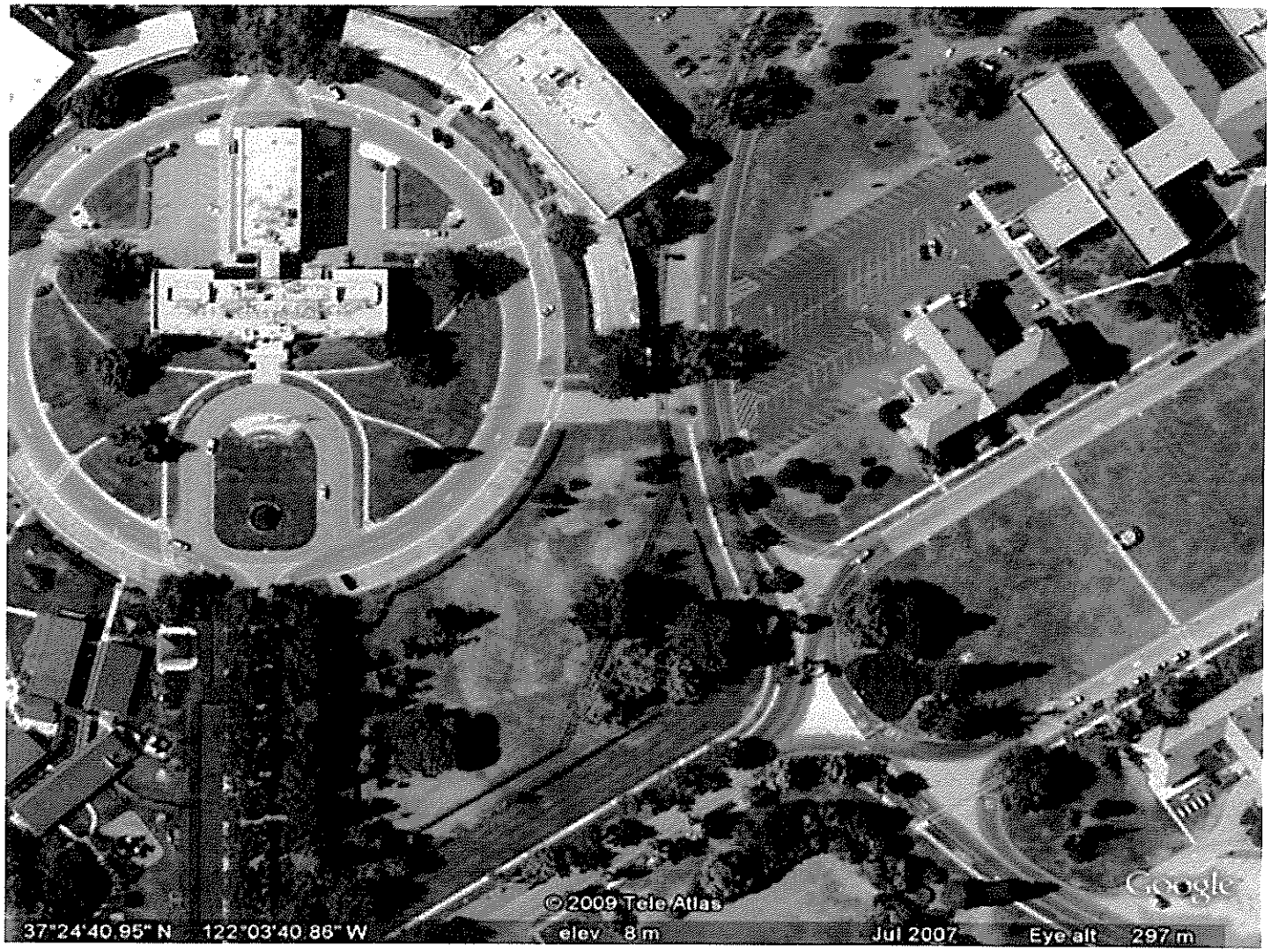
RFP Information

- This solicitation not an Invitation for Bid. There will be no public bid opening and information regarding the successful offer will not be available until after award of the contract.
- Contract Drawings, Specifications, Amendments and all RFP documents are available for downloading at the NASA Ames Business Opportunities website.
- The N232 Landscape drawings did not upload properly when originally posted. This problem has been resolved and the landscape drawings are now available on the website.
- The solicitation has one amendment. Amendment #1 reduces the percentage of self –performed work from 25% to 10%.
- A second amendment containing several technical clarifications is being prepared and will be released shortly.
- All amendments to the solicitation will be posted on the NASA Ames Research Center Business Opportunities webpage at http://procurement.nasa.gov/cgi-bin/NAIS/link_syp.cgi. Obtaining the amendments from the website is the contractor's responsibility. All amendments must be acknowledged in the Contractor's proposal.

Project Site Information

- Badging and Security Requirements
- Site Access
- Laydown Area
- Temporary Utilities

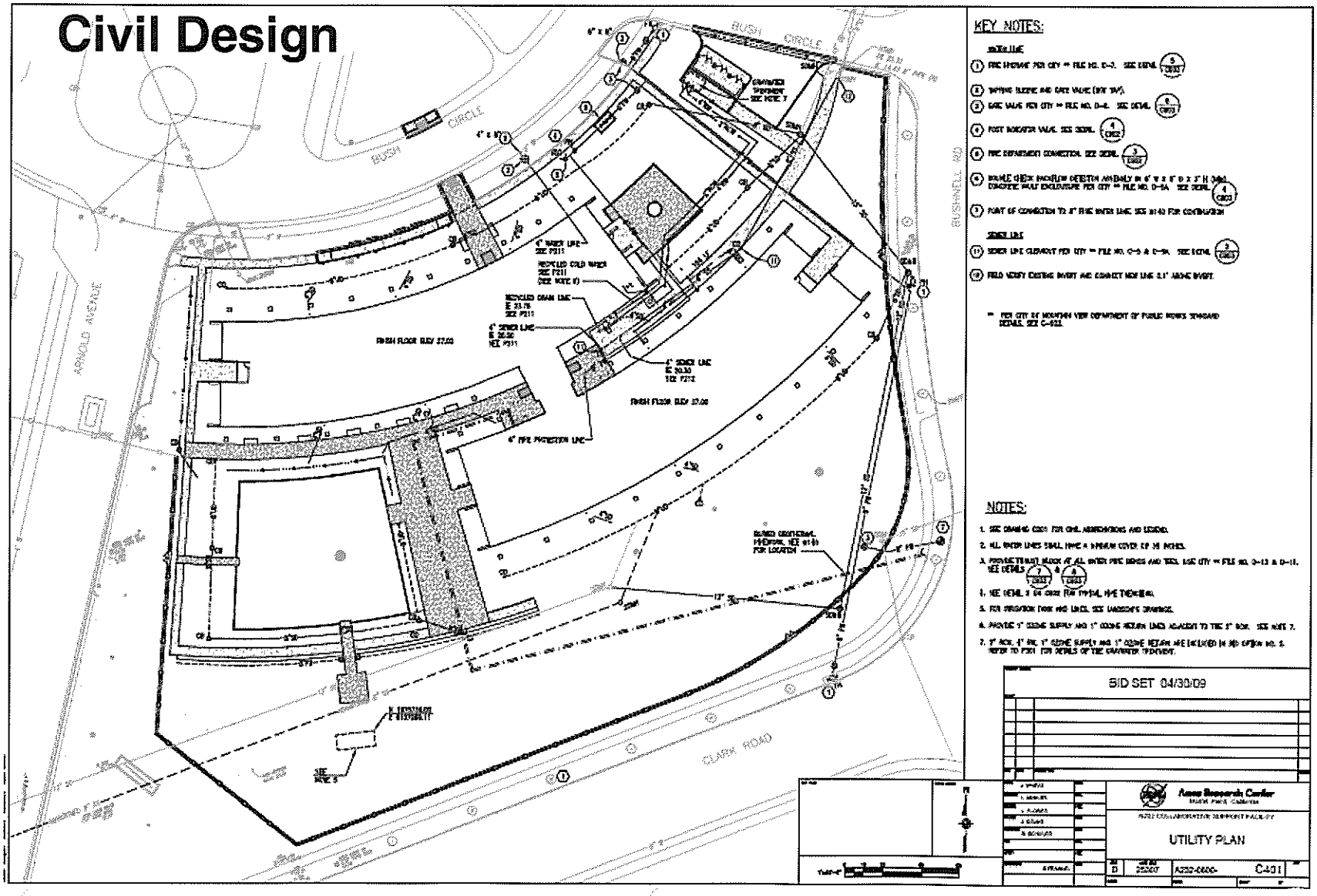
N232 SITE



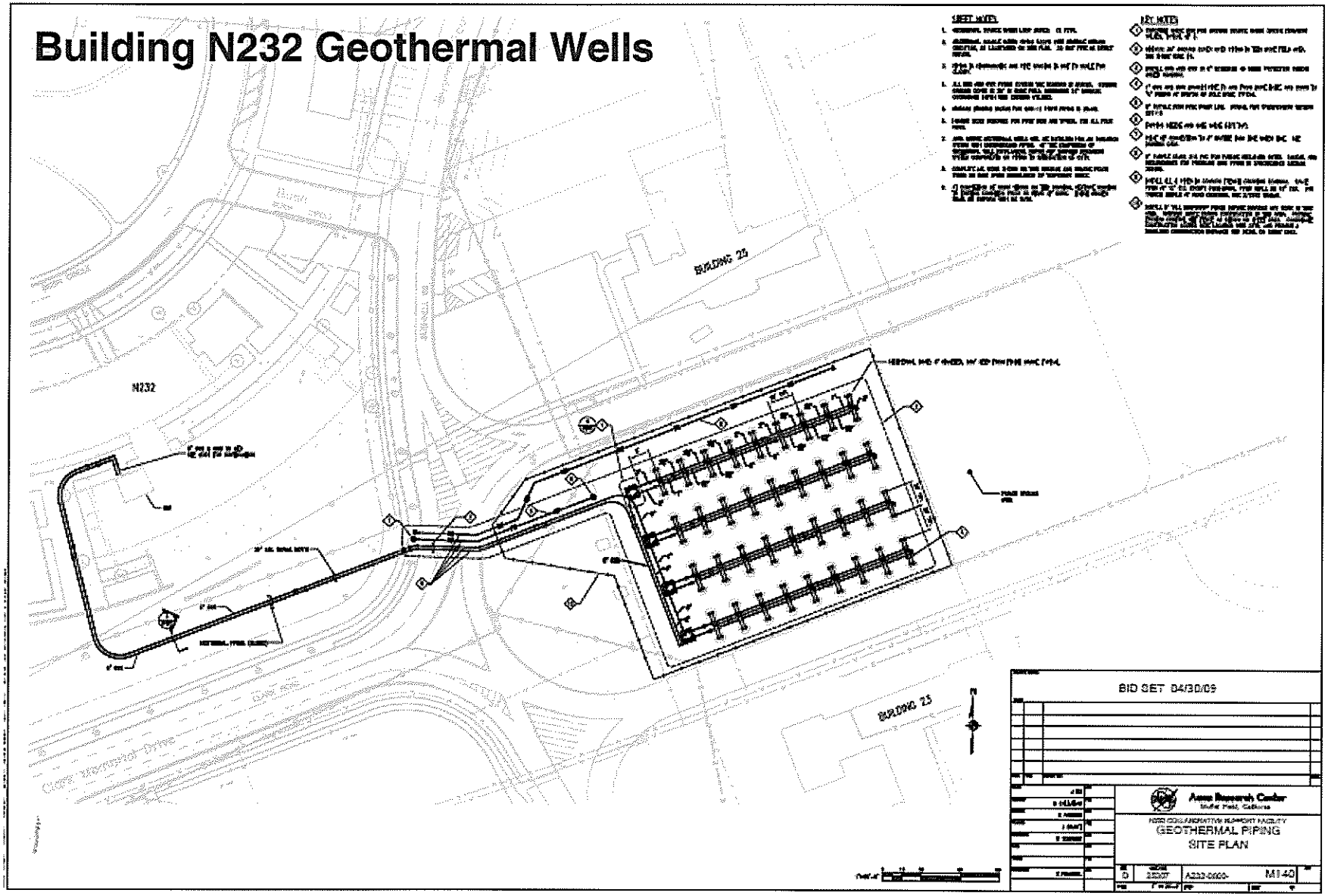
May 19, 2009

Back up Slides

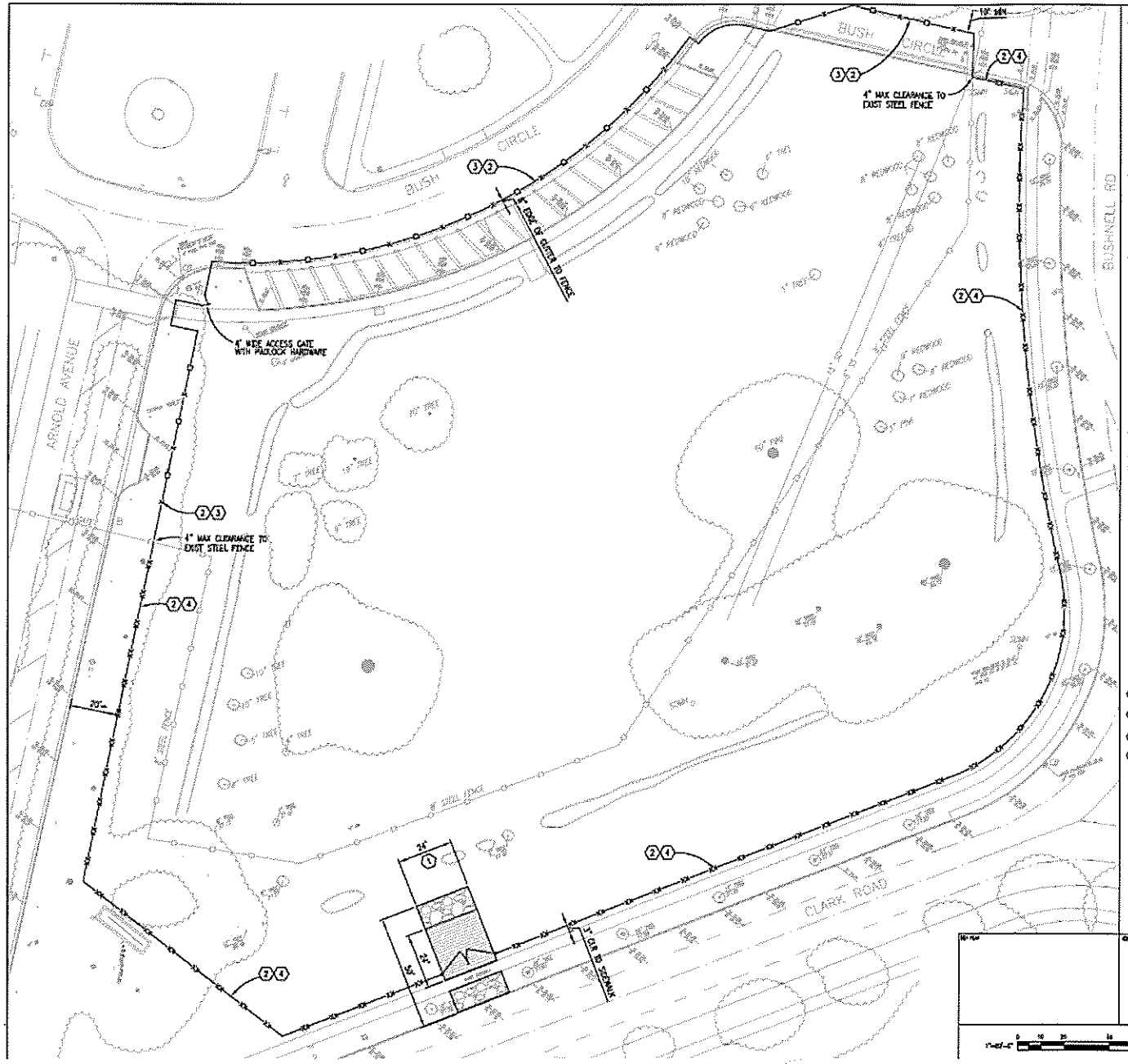
Civil Design



Building N232 Geothermal Wells



Erosion Control Plan



EROSION CONTROL NOTES:

1. CONTRACTOR SHALL USE PROTECTIVE MEASURES FOR EXISTING SLOPE IN ORDER TO AVOID SEDIMENT LADEN RUN-OFF FROM ENTERING STORM DRAIN SYSTEM.
2. SILT FENCES ARE SHOWN ALONG PERIMETER OF THE PROJECT SITE AND MAY BE MOVED AS REQUIRED TO ALLOW CONSTRUCTION ACTIVITIES BUT SHOULD ALWAYS BE PLACED ALONG OR WITHIN THE CONSTRUCTION AREA FOR EFFECTIVE EROSION CONTROL.
3. TRAINED PERSONNEL SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIAL SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES WHEN RAIN IS IMMINENT.
4. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY, WHEN THE U.S. WEATHER BUREAU FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 10 PERCENT FOR MOUNTAIN VIEW, CA.
5. AFTER A RAIN STORM ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS. ANY DAMAGED SLOPE SURFACE PROTECTION MEASURES DAMAGED DURING A RAINSTORM SHALL ALSO BE IMMEDIATELY REPAIRED. THE FACES OF CUT AND FILL SLOPES SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION.
6. FILL SLOPES AT THE TRACT PERIMETER MUST DRAIN AWAY FROM THE TOP OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.

GENERAL NOTES:

1. SEE DRAWING C001 FOR CIVIL ABBREVIATIONS AND LEGEND.
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COPY OF THE CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICE (BMP) HANDBOOK FOR CONSTRUCTION ACTIVITY (JAN. 2003), SECTION 3 – EROSION AND SEDIMENT CONTROL BMPS FOR USE WITH THIS PLAN.
3. CONSTRUCTION OF TEMPORARY FENCE & GATE SHALL PROVIDE THE SECURITY & CONTROLLED ACCESS TO THE SITE. CONSTRUCTION OF FINAL FENCE & GATE SHALL BE PHASED AS APPROVED BY THE CONTRACTING OFFICER.

STORMWATER POLLUTION PREVENTION

STORMWATER POLLUTION PREVENTION DEVICES AND PRACTICES SHALL BE INSTALLED AND/OR INSTITUTED AS NECESSARY TO ENSURE COMPLIANCE TO CALIFORNIA WATER QUALITY STANDARDS. ALL SUCH DEVICES AND PRACTICES SHALL BE MAINTAINED, INSPECTED AND/OR MONITORED TO ENSURE ADEQUACY AND PROPER FUNCTION THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT.

COMPLIANCE TO THE WATER QUALITY STANDARDS AND ANY EROSION CONTROL PLAN ASSOCIATED WITH THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING REQUIREMENTS:

1. SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE UNTIL PROPERLY DISPOSED OF, AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND AND WATER FLOW.
3. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM, NOR BE ALLOWED TO SETTLE OR INFILTRATE INTO SOIL.
4. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTES.
5. TRASH AND CONSTRUCTION SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
6. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICULAR TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITS SHALL BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
7. ANY SLOPES WITH DISTURBED SOILS OR REMOVED VEGETATION SHALL BE STABILIZED TO INHIBIT EROSION BY WIND AND WATER.
8. STORMWATER POLLUTION PREVENTION DEVICES AND/OR PRACTICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS.

KEY NOTES:

1. ENTRANCE/EXIT (TC-1)
2. SILT FENCE (SE-1) (3 / C922)
3. NASA AMES RESEARCH CENTER TEMPORARY SECURITY PERIMETER FENCE. SEE DETAIL (10 / C931)
4. TEMPORARY 6' TALL CHAIN LINK FENCE FOR CONTRACTOR'S SITE SECURITY

BID SET 04/30/09

Ames Research Center
Moffett Field, California

N232 COLLABORATIVE SUPPORT FACILITY

EROSION CONTROL PLAN

DES	DRAWING NO.	
D	25307	A232-0800- C381